

Elution Test Summary: Synergy Terpinolene

Manufacturer/Supplier: Synergy Semiochemicals Corp.,
Burnaby, BC Canada

Product number: Synergy Standard Terpenes

Lot number: T070507

US-EPA Registration Status: No registration necessary.

Description: Single 15 ml polyethylene bottle loaded with 12 g of terpinolene and sealed inside a white plastic pouch. Sometimes used, particularly with myrcene, as a component of the attractive lure for mountain pine beetle, *Dendroctonus ponderosae* Hopkins.

Our Evaluation:

Location: Pineville, LA

Dates: 19 May to 19 July 2007

Duration: 61 days

Temperature mean (°F):

73.5 (33 d)

75.1 (61 d)

Weight loss mean (g/d):

Sun

0 to 33 d = 0.27

0 to 61 d = 0.22

Shade

0 to 33 d = 0.33

0 to 61 d = 0.25

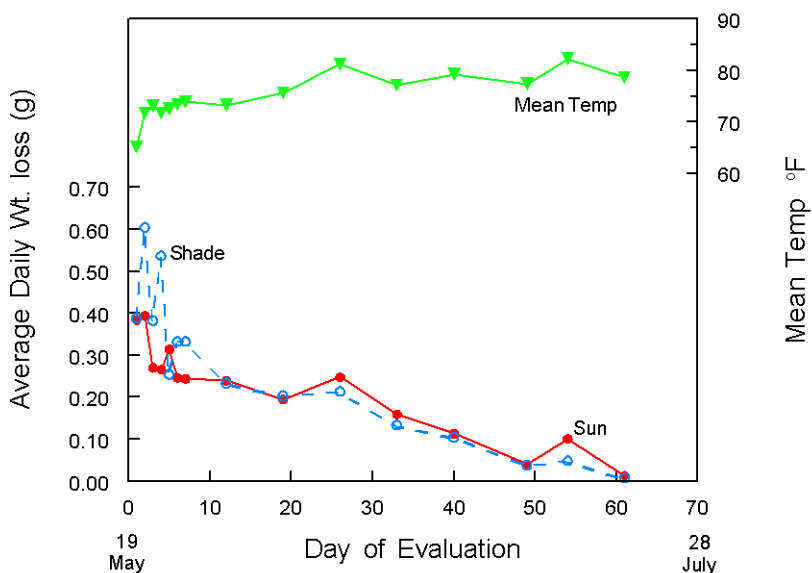
Comments: 5 devices each sun & shade. Two devices in full sun experienced water intrusion and were removed from data.

(Right) Synergy host compound releaser with bottle exposed. This device is used with a variety of host compounds.



Synergy Terpinolene

Pineville, LA 2007



Copies and data may be obtained at <http://www.fs.fed.us/foresthealth/technology/elutionrate>. For more information please contact: Brian Strom, USDA Forest Service, SRS-RWU-4552, Pineville, LA 71360 (brianstrom@fs.fed.us); Sheri Smith, USDA Forest Service, R-5 Forest Health Protection, Susanville, CA 96130 (ssmith@fs.fed.us); or Andy Trent, USDA Forest Service, Missoula Technology Development Center, Missoula, MT 59808 (atrent@fs.fed.us).